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Attn: Examiner Oen, Art Unit 2855 Fax No. 703 308 7722

Re: Patent Application Serial No. 10/024,815, filed December 18, 2001

Enclosed is an Amendment consisting of six pages, and one sheet of marked-up claims (total of 8 pages to be faxed).

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PATENTS

#6/B
T. Bell
9.19.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Minneapolis, Minnesota
September 17, 2002

Applicant:	Russell L. Johnson	**Group:**	2855
Serial No.:	10/024,815	**Examiner:**	Oen
Filed:	December 18, 2001	**Atty. Docket No.:**	B10-25539 US

For: SENSOR FORMED ON SILICON ON INSULATOR STRUCTURE AND HAVING REDUCED POWER UP DRIFT

AMENDMENT

Commissioner for Patents
Box Non-Fee Amendment
Washington, D.C. 20231

Dear Sir or Madam:

Responsive to the Office communication having a mailing date of June 19, 2002, please amend the above application as follows:

IN THE CLAIMS

Detail with respect to all amendments made herein is provided in the marked-up version (attached to the rear of this amendment) as required under 37 CFR §1.121(b).

Claim 2 is shown below in amended form:

2. (Amended) Sensor of claim 1, wherein said plurality of resistors form a Wheatstone bridge having a top, a bottom, and a midpoint, with said first voltage being applied at said top and said bottom of said bridge and said second voltage being approximately equal to a voltage at a midpoint of said bridge.

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